## EAST Search History

| Ref# | Hits | Search Query   | DBs                          | Default<br>Operator | Plurals | Time Stamp          |
|------|------|--|------------------------------|---------------------|---------|---------------------|
| S1   | 1    | 10/711822  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2008/04/28<br>13:41 |
| S2   | 8    | hanson adj courtney or<br>moody adj donald.in.   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2008/04/28<br>13:42 |
| S3   | 13   | ("20030056456"  <br>"4478018"   "4633634"  <br>"4702058"   "5269109"  <br>"5353560"   "5417023"  <br>"5524400"   "5765330"  <br>"5799462"   "5953883"  <br>"6266936"   "6421972").<br>PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2008/04/28<br>13:46 |
| S4   | 40   | ("1074242"   "1130722"   "1481249"   "1074242"   "2185335"   "2209514"   "2779978"   "20010004820"   "20030056456"   "20040045252"   "3217460"   "4478018"   "4633634"   "4702058"   "4478018"   "5325651"   "5353560"   "5417023"   "5524400"   "5799462"   "5953883"   "5953883"   "5953883"   "5953883"   "5953883"   "5799462"   "5765330"   "5799462"   "5765330"   "5799462"   "5953883"   "6266936"   "6421972"   "6266936"   "6421972"   "6266936"   "6421972"   "7028439"   "7051484"   "7197854"   "0867251"). PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2008/04/28          |

| <b>S</b> 5 | 34  | ("1604079"   "2717664"   "2844848"   "3134464"   "3217455"   "3305986"   "3343314"   "3427775"   "3775920"   "4114333"   "4223500"   "4633634"   "4641468"   "4674253"   "4742665"   "5265389"   "5269109"   "5417023"   "5524400"   "5765330"   "5799462"   "5953883"   "6158190").PN. OR ("6421972").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/28<br>14:06 |
|------------|-----|--|------------------------------|----|-----|---------------------|
| S6         | 6   | ("1074242" or "1130722"<br>or "1481249").pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/28<br>14:12 |
| S7         | 184 | 52/354.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/28<br>14:14 |
| S8         | 153 | 52/317.ccls. not S7  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/28<br>14:24 |
| <b>S</b> 9 | 26  | ("2966708"   "3160280"   "3217452"   "3234697"   "3332197"   "3665837"   "3845601"   "3861101"   "3999875"   "4018020"   "4760682"   "4798029"   "4809476"   "4918899"   "5222335"   "5394665"   "5592796"   "5649688"   "5685121"   "6374558"   "6568138").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/28<br>14:25 |
| S10        | 50  | ("1074242"   "1791197"  <br>"2658241"   "3102306"  <br>"3397495"   "3492766"  <br>"3593475"   "3722163").<br>PN. OR ("4018020").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/28<br>14:27 |
| S11        | 816 | 52/481.1.ccls. not (S7 S8)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/28<br>15:06 |
| S12        | 22  | ("4047355"   "4324082"  <br>"4353192"   "4364212").<br>PN. OR ("4435936").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/28<br>15:48 |
| S13        | 184 | 52/354.cdls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/29<br>07:40 |

| S14         | 153 | 52/317.ccls. not S13                                   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/29<br>07:40 |
|-------------|-----|--|------------------------------|----|-----|---------------------|
| S15         | 816 | 52/481.1.ccls. not (S13<br>S14)                        | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/29<br>07:40 |
| S16         | 497 | 52/633.ccls. not (S13 S14<br>S15)                      | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/29<br>07:40 |
| S17         | 592 | 52/762.ccls. not (S13 S14<br>S15)                      | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/29<br>07:43 |
| S18         | 537 | 52/764.ccls. not (S13 S14<br>S15 S17)                  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/29<br>07:53 |
| S19         | 320 | 52/772.ccls. not (S13 S14<br>S15 S17 S18)              | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/29<br>08:03 |
| S20         | 685 | 52/775.ccls. not (S13 S14<br>S15 S17 S18 S19)          | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/29<br>08:11 |
| S29         | 268 | 52/781.3.ccls. not (S13<br>S14 S15 S17 S18 S19<br>S20) | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/29<br>08:57 |
| S30         | 184 | 52/354.cdls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/29<br>15:52 |
| S31         | 153 | 52/317.ccls. not \$30                                  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/29<br>15:52 |
| S32         | 816 | 52/481.1.ccls. not (S30<br>S31)                        | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/29<br>15:52 |
| S33         | 592 | 52/762.ccls. not (S30 S31<br>S32)                      | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/29<br>15:52 |
| S34         | 537 | 52/764.ccls. not (S30 S31<br>S32 S33)                  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/29<br>15:52 |
| <b>S</b> 35 | 320 | 52/772.ccls. not (S30 S31<br>S32 S33 S34)              | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/29<br>15:52 |
| S36         | 685 | 52/775.ccls. not (S30 S31<br>S32 S33 S34 S35)          | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/29<br>15:52 |

| S37 | 268 | 52/781.3.ccls. not (\$30<br>\$31 \$32 \$33 \$34 \$35<br>\$36)      | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/29<br>15:52 |
|-----|-----|--|------------------------------|----|-----|---------------------|
| S38 | 921 | 52/241.ccls. not (S30 S31<br>S32 S33 S34 S35 S36<br>S37)           | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/29<br>15:52 |
| S39 | 11  | ("3289375"   "3381438"  <br>"3623290").PN. OR<br>("3996712").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/29<br>16:06 |
| S40 | 184 | 52/354.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/30<br>10:43 |
| S41 | 153 | 52/317.ccls. not S40   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/30<br>10:43 |
| S42 | 816 | 52/481.1.ccls. not (S40<br>S41)                                    | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/30<br>10:43 |
| S43 | 592 | 52/762.ccls. not (S40 S41<br>S42)                                  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/30<br>10:43 |
| S44 | 537 | 52/764.ccls. not (S40 S41<br>S42 S43)                              | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/30<br>10:43 |
| S45 | 320 | 52/772.cdls. not (S40 S41<br>S42 S43 S44)                          | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/30<br>10:43 |
| S46 | 685 | 52/775.ccls. not (S40 S41<br>S42 S43 S44 S45)                      | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/30<br>10:43 |
| S47 | 268 | 52/781.3.ccls. not (S40<br>S41 S42 S43 S44 S45<br>S46)             | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/30<br>10:43 |
| S48 | 921 | 52/241.cds. not (S40 S41<br>S42 S43 S44 S45 S46<br>S47)            | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/30<br>10:43 |
| S49 | 217 | 52/481.2.ccls. not (S40<br>S41 S42 S43 S44 S45 S46<br>S47 S48)     | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/30<br>10:43 |
| S50 | 76  | 52/407.4.ccls. not (S40<br>S41 S42 S43 S44 S45 S46<br>S47 S48 S49) | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/30<br>10:53 |
| S51 | 1   | "6125594".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/30<br>10:56 |

| S52  | 111 | ("4381635"   "4449335"  <br>"4594823"   "4631878"  <br>"5040345"   "5657596"  <br>"5720571"   "5846018"  <br>"5941029").PN. OR<br>("6125594").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/30<br>10:57 |
|------|-----|--|------------------------------|----|-----|---------------------|
| S53  | 0   | painter.xa.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/30<br>10:59 |
| S54  | 12  | branon   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/30<br>11:00 |
| S55  | 17  | ("3623290").PN. OR<br>("4038799").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/30<br>14:39 |
| S56  | 1   | "6415575".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/10/26<br>14:09 |
| S57  | 1   | "6711867".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/10/26<br>14:10 |
| \$58 | 20  | ("0813253"   "1547184"  <br>"1867194"   "1931739"  <br>"3210898"   "3398982"  <br>"3553919"   "5390460"  <br>"5423156"   "5653079").<br>PN. OR ("6415575").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/10/26<br>14:11 |
| S59  | 2   | ("1074242").URPN.  | USPAT                        | OR | OFF | 2008/10/26<br>14:38 |
| S60  | 369 | 52/715.ccls.   | USPAT                        | OR | OFF | 2008/10/26<br>14:43 |
| S61  | 35  | ("1074242"   "1130722"   "1481249"   "1867329"   "1074242"   "2185335"   "2209514"   "2779978"   "20010004820"   "20030014934"   "20030056456"   "20040045252"   "20050076600"   "3217460"   "4361994"   "4435936"   "4478018"   "4633634"   "4702058"   "4478018"   "4633634"   "4702058"   "5269109"   "5325651"   "5353560" | USPAT                        | OR | OFF | 2008/10/26<br>16:28 |

|     | annanananananananananananananananananana | "5653079"   "5664378"   "5765330"   "5799462"   "5953883"   "5953883"   "5269109"   "5353560"   "5417023"   "5524400"   "5765330"   "5799462"   "5953883"   "6266936"   "6266936"   "6415575"   "6421972"   "6578335"   "6615563"   "6640516"   "6708459"   "6711867"   "6266936"   "6421972"   "7028439"   "7051484"   "7197854"   "0867251"). PN. |                              |    |     |                     |
|-----|--|---|------------------------------|----|-----|---------------------|
| S62 | 7  | ("1130722").URPN.   | USPAT                        | OR | OFF | 2008/10/26<br>16:38 |
| S64 | 17                                       | (52/241.ccls. 52/317.ccls. 52/354.ccls. 52/407.4. ccls. 52/481.1.ccls. 52/481.2.ccls. 52/762. ccls. 52/764.ccls. 52/775.ccls. 52/775.ccls. 52/781.3.ccls.) and @pd>"20080501"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/10/26<br>17:08 |

10/27/2008 8:52:38 AM

 $C:\ \ Documents\ \ and\ \ Settings\ \ bpainter\ \ \ My\ \ Documents\ \ EAST\ \ \ \ Workspaces\ \ 10711822.wsp$